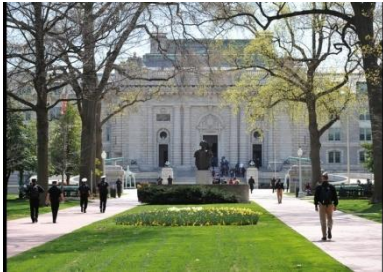


2012



Maryland Central Region Annual HIV Epidemiological Profile

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Data reported through December 31, 2013

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmf.maryland.gov/oideor/chse>
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2013.

Population data by sex, age, and race is from the July 1, 2012 U.S. Census Estimate and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmmh.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

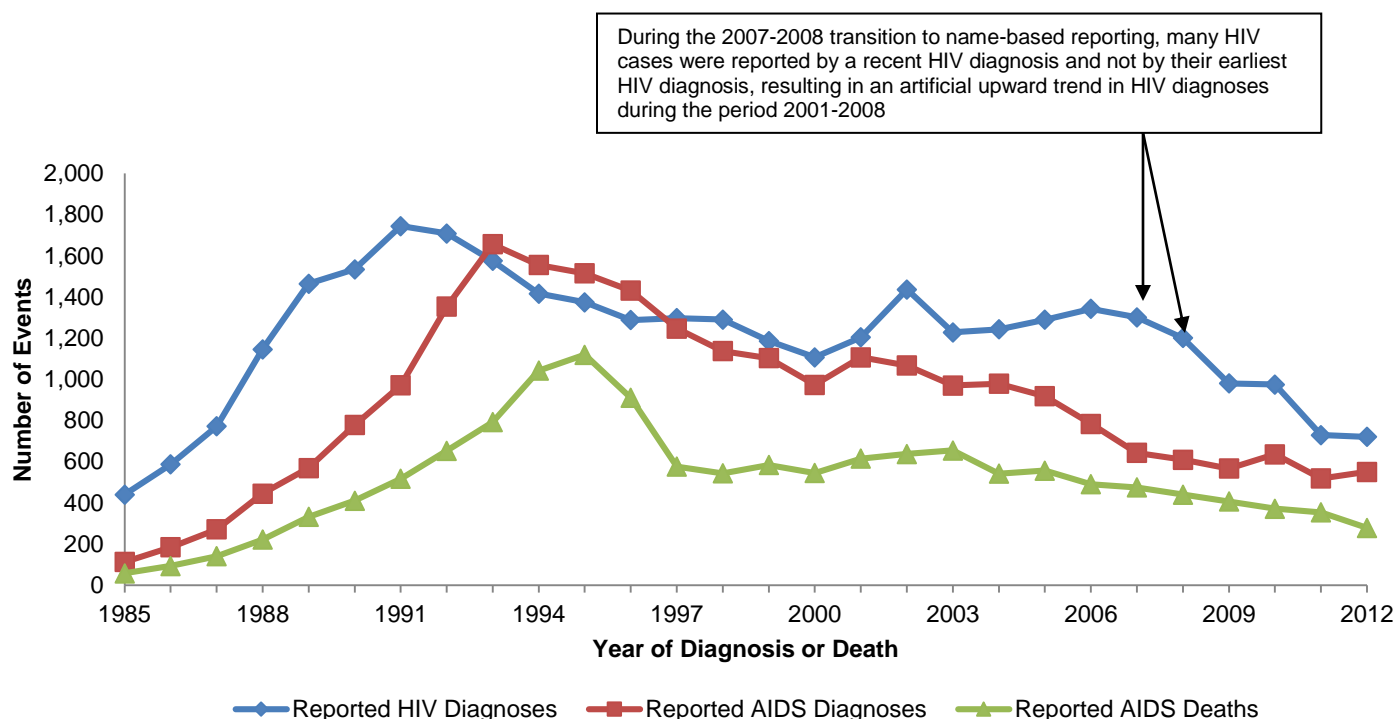
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

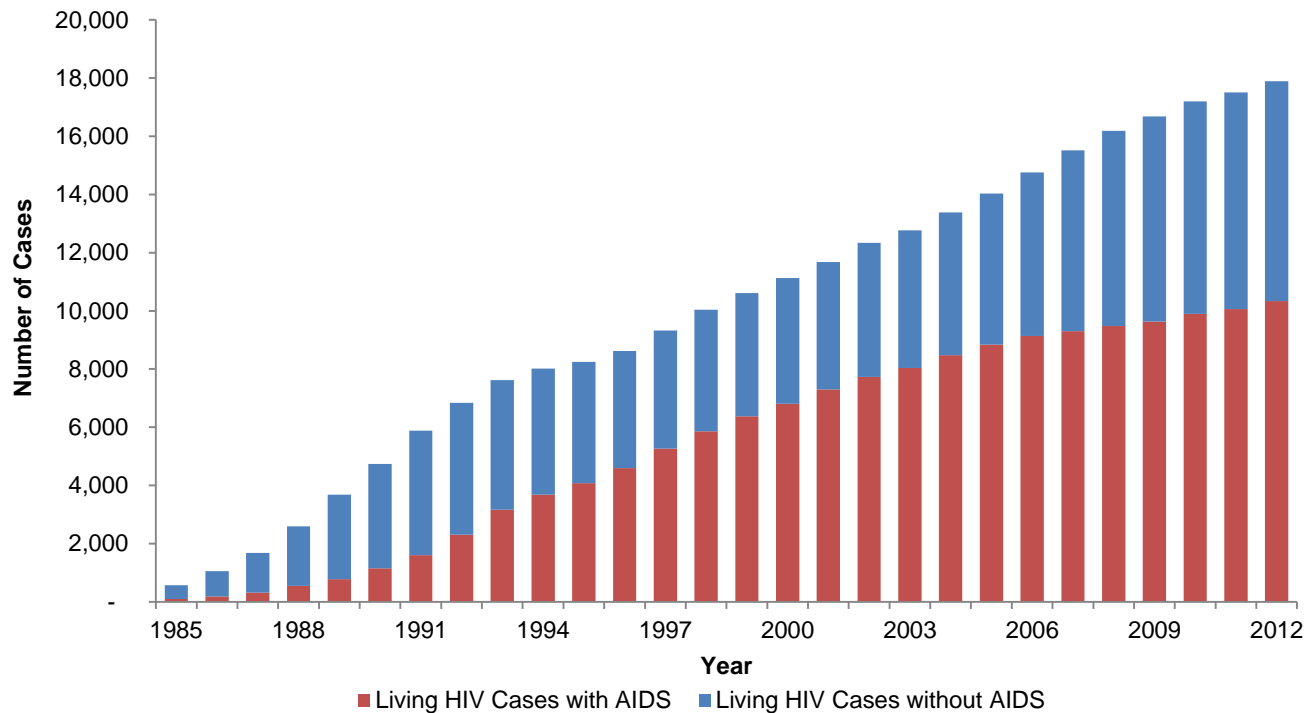
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	223	76	35	1999	1,186	1,103	584
1985	440	113	58	2000	1,107	973	545
1986	587	185	94	2001	1,204	1,107	615
1987	772	272	141	2002	1,436	1,067	638
1988	1,146	445	222	2003	1,228	970	655
1989	1,464	569	332	2004	1,243	979	542
1990	1,534	778	411	2005	1,289	918	557
1991	1,744	971	517	2006	1,342	784	491
1992	1,708	1,353	653	2007	1,301	643	475
1993	1,575	1,656	792	2008	1,201	610	440
1994	1,416	1,555	1,042	2009	980	567	407
1995	1,374	1,515	1,119	2010	975	636	372
1996	1,288	1,431	910	2011	729	519	354
1997	1,297	1,247	576	2012	721	551	279
1998	1,290	1,137	544	TOTAL	33,800	24,730	14,400

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

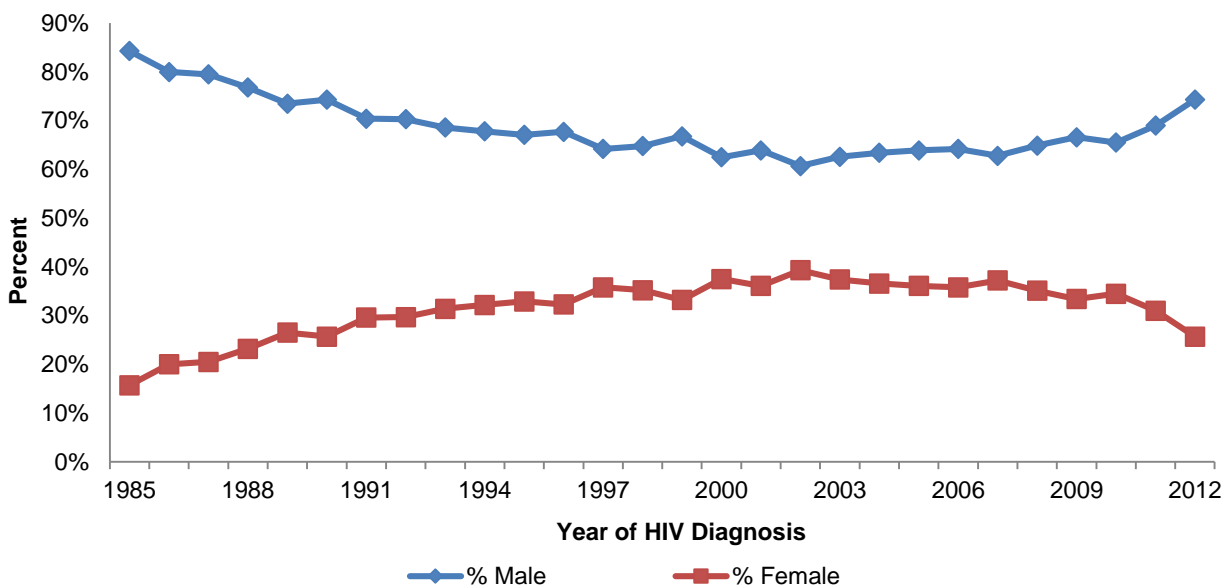
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	473	96	569	1999	4,232	6,378	10,610
1986	868	187	1,055	2000	4,326	6,806	11,132
1987	1,362	319	1,681	2001	4,383	7,298	11,681
1988	2,047	542	2,589	2002	4,610	7,727	12,337
1989	2,897	779	3,676	2003	4,729	8,042	12,771
1990	3,594	1,146	4,740	2004	4,899	8,479	13,378
1991	4,285	1,600	5,885	2005	5,189	8,842	14,031
1992	4,537	2,300	6,837	2006	5,622	9,136	14,758
1993	4,451	3,164	7,615	2007	6,208	9,304	15,512
1994	4,340	3,678	8,018	2008	6,716	9,474	16,190
1995	4,176	4,074	8,250	2009	7,050	9,634	16,684
1996	4,027	4,595	8,622	2010	7,299	9,898	17,197
1997	4,058	5,266	9,324	2011	7,445	10,063	17,508
1998	4,183	5,859	10,042	2012	7,558	10,335	17,893

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

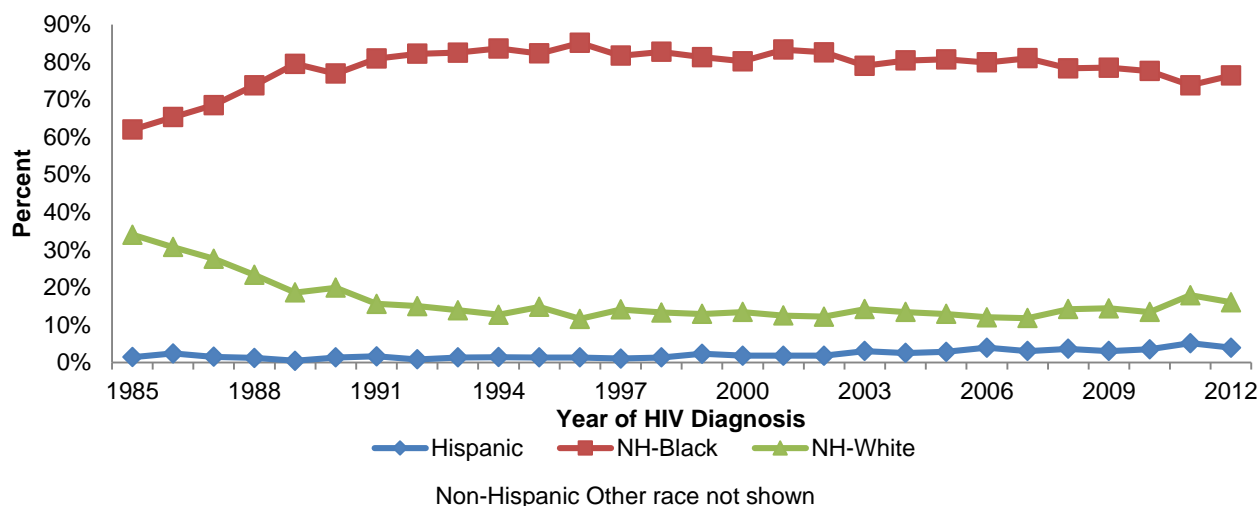
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	219	85.8%	14.2%	1999	1,171	66.8%	33.2%
1985	432	84.3%	15.7%	2000	1,098	62.5%	37.5%
1986	579	80.0%	20.0%	2001	1,195	63.9%	36.1%
1987	756	79.5%	20.5%	2002	1,429	60.7%	39.3%
1988	1,123	76.8%	23.2%	2003	1,226	62.6%	37.4%
1989	1,436	73.5%	26.5%	2004	1,238	63.4%	36.6%
1990	1,495	74.3%	25.7%	2005	1,288	63.9%	36.1%
1991	1,708	70.4%	29.6%	2006	1,337	64.2%	35.8%
1992	1,664	70.3%	29.7%	2007	1,266	62.8%	37.2%
1993	1,530	68.6%	31.4%	2008	1,193	64.9%	35.1%
1994	1,387	67.8%	32.2%	2009	974	66.6%	33.4%
1995	1,354	67.1%	32.9%	2010	973	65.5%	34.5%
1996	1,267	67.7%	32.3%	2011	726	69.0%	31.0%
1997	1,286	64.2%	35.8%	2012	719	74.3%	25.7%
1998	1,274	64.8%	35.2%	TOTAL	33,343	67.9%	32.1%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

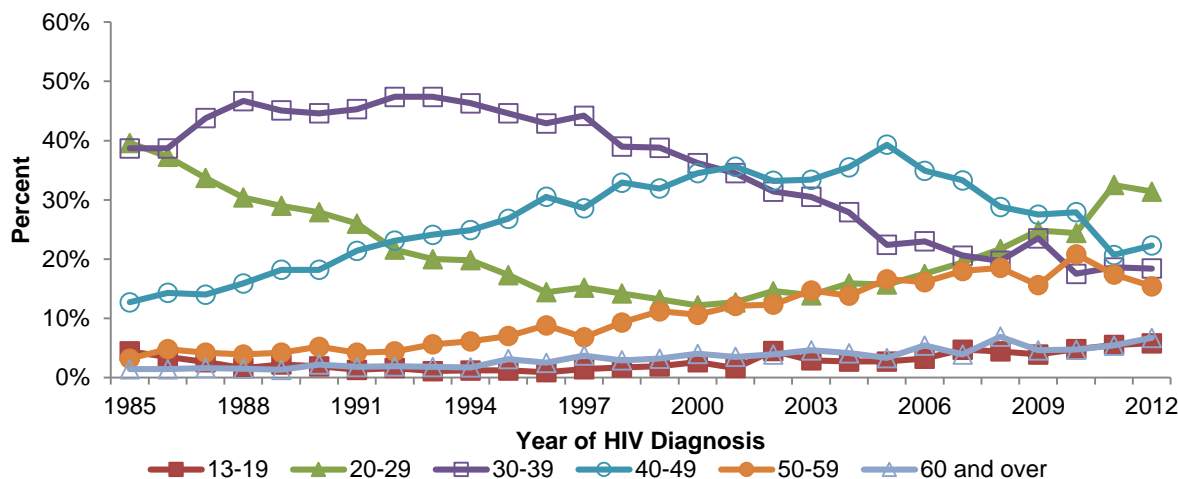
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	219	2.3%	53.9%	41.6%	2.3%
1985	432	1.4%	62.0%	34.0%	2.5%
1986	579	2.4%	65.3%	30.7%	1.6%
1987	756	1.5%	68.5%	27.6%	2.4%
1988	1,123	1.2%	73.8%	23.3%	1.7%
1989	1,436	0.4%	79.5%	18.6%	1.5%
1990	1,495	1.3%	76.9%	19.9%	1.9%
1991	1,708	1.6%	80.9%	15.6%	1.9%
1992	1,664	0.8%	82.2%	15.0%	2.1%
1993	1,530	1.3%	82.5%	13.9%	2.3%
1994	1,387	1.4%	83.6%	12.7%	2.3%
1995	1,354	1.3%	82.3%	14.8%	1.6%
1996	1,267	1.3%	85.1%	11.6%	2.1%
1997	1,286	1.0%	81.7%	14.1%	3.2%
1998	1,274	1.3%	82.7%	13.3%	2.7%
1999	1,171	2.3%	81.3%	12.9%	3.5%
2000	1,098	1.8%	80.2%	13.4%	4.6%
2001	1,195	1.8%	83.3%	12.5%	2.5%
2002	1,429	1.8%	82.6%	12.2%	3.4%
2003	1,226	3.0%	79.0%	14.2%	3.8%
2004	1,238	2.5%	80.4%	13.4%	3.7%
2005	1,288	2.8%	80.7%	12.9%	3.6%
2006	1,337	3.9%	79.9%	12.0%	4.3%
2007	1,266	3.0%	81.0%	11.8%	4.3%
2008	1,193	3.6%	78.3%	14.2%	3.9%
2009	974	3.0%	78.5%	14.4%	4.1%
2010	973	3.5%	77.6%	13.4%	5.5%
2011	726	5.1%	73.8%	17.9%	3.2%
2012	719	3.9%	76.4%	16.0%	3.8%
TOTAL	33,343	2.0%	79.5%	15.5%	2.9%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

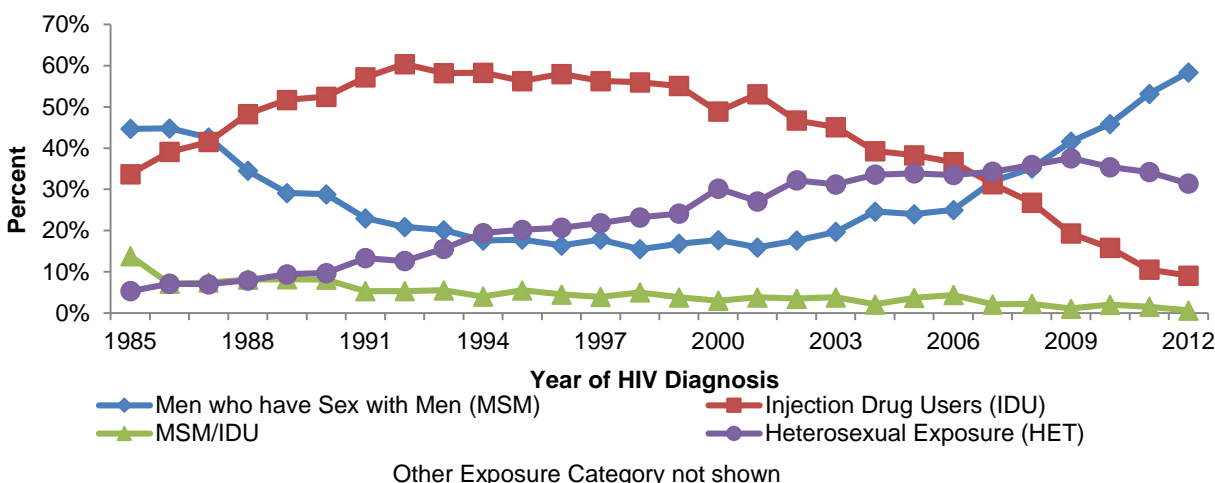
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	219	5.9%	43.4%	31.1%	13.2%	5.9%	0.5%
1985	432	4.4%	39.6%	38.7%	12.7%	3.2%	1.4%
1986	579	3.5%	37.3%	38.7%	14.3%	4.8%	1.4%
1987	756	2.6%	33.7%	43.8%	14.0%	4.2%	1.6%
1988	1,123	1.6%	30.4%	46.7%	15.9%	3.9%	1.5%
1989	1,436	2.2%	29.0%	45.1%	18.2%	4.2%	1.3%
1990	1,495	1.9%	27.9%	44.6%	18.2%	5.2%	2.2%
1991	1,708	1.3%	26.0%	45.3%	21.4%	4.2%	1.8%
1992	1,664	1.6%	21.6%	47.4%	23.1%	4.4%	1.9%
1993	1,530	1.1%	20.0%	47.4%	24.1%	5.6%	1.8%
1994	1,387	1.2%	19.8%	46.3%	24.9%	6.1%	1.7%
1995	1,354	1.2%	17.3%	44.6%	26.8%	7.0%	3.1%
1996	1,267	0.9%	14.4%	42.9%	30.5%	8.8%	2.5%
1997	1,286	1.4%	15.2%	44.2%	28.6%	6.8%	3.7%
1998	1,274	1.7%	14.2%	39.0%	32.9%	9.3%	2.9%
1999	1,171	1.9%	13.2%	38.8%	31.9%	11.2%	3.2%
2000	1,098	2.6%	12.2%	36.2%	34.5%	10.6%	4.0%
2001	1,195	1.6%	12.7%	34.5%	35.6%	12.1%	3.5%
2002	1,429	4.5%	14.6%	31.4%	33.2%	12.3%	3.9%
2003	1,226	2.9%	13.9%	30.5%	33.4%	14.7%	4.6%
2004	1,238	2.7%	15.9%	27.9%	35.5%	13.8%	4.1%
2005	1,288	2.7%	15.7%	22.4%	39.3%	16.6%	3.3%
2006	1,337	3.2%	17.5%	23.0%	34.9%	16.1%	5.4%
2007	1,266	4.7%	19.4%	20.6%	33.3%	18.0%	3.9%
2008	1,193	4.4%	21.7%	19.7%	28.8%	18.5%	6.9%
2009	974	3.9%	24.8%	23.5%	27.5%	15.6%	4.6%
2010	973	4.8%	24.4%	17.5%	27.9%	20.8%	4.7%
2011	726	5.5%	32.5%	18.6%	20.7%	17.4%	5.4%
2012	719	5.8%	31.4%	18.4%	22.3%	15.4%	6.7%
TOTAL	33,343	2.6%	21.0%	35.9%	27.2%	10.1%	3.2%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013.



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	219	215	54.9%	28.4%	8.8%	3.7%	4.2%
1985	432	412	44.7%	33.7%	13.8%	5.3%	2.4%
1986	579	563	44.8%	39.1%	7.1%	7.1%	2.0%
1987	756	732	42.6%	41.5%	7.4%	7.0%	1.5%
1988	1,123	1,086	34.5%	48.3%	8.1%	7.9%	1.1%
1989	1,436	1,392	29.1%	51.7%	8.2%	9.4%	1.7%
1990	1,495	1,436	28.8%	52.5%	8.1%	9.7%	0.9%
1991	1,708	1,630	23.0%	57.2%	5.3%	13.3%	1.2%
1992	1,664	1,579	20.9%	60.4%	5.3%	12.6%	0.8%
1993	1,530	1,478	20.1%	58.2%	5.5%	15.6%	0.6%
1994	1,387	1,324	17.6%	58.3%	4.0%	19.4%	0.7%
1995	1,354	1,290	17.8%	56.3%	5.5%	20.2%	0.3%
1996	1,267	1,200	16.4%	58.0%	4.5%	20.7%	0.4%
1997	1,286	1,190	17.8%	56.3%	3.9%	21.8%	0.1%
1998	1,274	1,179	15.5%	56.0%	5.0%	23.2%	0.3%
1999	1,171	1,066	16.8%	55.1%	3.8%	24.1%	0.2%
2000	1,098	987	17.7%	48.9%	3.0%	30.2%	0.1%
2001	1,195	1,066	15.9%	53.1%	3.8%	27.1%	0.1%
2002	1,429	1,213	17.6%	46.7%	3.5%	32.2%	0.1%
2003	1,226	1,078	19.7%	45.1%	3.8%	31.2%	0.3%
2004	1,238	1,067	24.6%	39.3%	2.1%	33.6%	0.5%
2005	1,288	1,033	24.0%	38.3%	3.7%	33.9%	0.1%
2006	1,337	989	25.0%	36.6%	4.4%	33.5%	0.5%
2007	1,266	891	31.9%	31.3%	2.1%	34.3%	0.3%
2008	1,193	780	35.1%	26.8%	2.2%	35.9%	0.0%
2009	974	543	41.6%	19.3%	1.1%	37.6%	0.4%
2010	973	505	45.9%	15.8%	2.0%	35.4%	0.8%
2011	726	389	53.2%	10.5%	1.5%	34.2%	0.5%
2012	719	481	58.4%	9.1%	0.6%	31.4%	0.4%
TOTAL	33,343	28,794	25.4%	47.3%	4.8%	21.8%	0.6%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No. with HIV Diagnosis	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Anne Arundel	460,107	45	6.3%	9.8	34	75.6	9	20.0%	36	80.0%	420
Baltimore City	521,466	469	65.2%	89.9	347	74.0	145	30.9%	376	80.2%	354
Baltimore	690,522	158	22.0%	22.9	121	76.6	46	29.1%	135	85.4%	417
Carroll	141,013	3	0.4%	2.1	***	***	***	***	***	***	440
Harford	208,064	20	2.8%	9.6	***	***	***	***	***	***	267
Howard	248,000	24	3.3%	9.7	20	83.3	11	45.8%	21	87.5%	241
TOTAL	2,269,171	719	100.0%	31.7	539	75.0	222	30.9%	588	81.8%	369

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Anne Arundel	460,107	31	5.7%	6.7	3.7	45.2%
Baltimore City	521,466	377	69.0%	72.3	4.6	38.7%
Baltimore	690,522	99	18.1%	14.3	4.6	42.4%
Carroll	141,013	2	0.4%	1.4	5.0	0.0%
Harford	208,064	16	2.9%	7.7	3.3	62.5%
Howard	248,000	21	3.8%	8.5	2.6	42.9%
TOTAL	2,269,171	546	100.0%	24.1	4.4	40.5%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Anne Arundel	460,107	433	5.9%	94.1	598	5.9%	130.0	1,031	5.9%	224.1	446
Baltimore City	521,466	5,442	73.6%	1,043.6	7,809	76.8%	1,497.5	13,251	75.5%	2,541.1	39
Baltimore	690,522	1,089	14.7%	157.7	1,280	12.6%	185.4	2,369	13.5%	343.1	291
Carroll	141,013	52	0.7%	36.9	55	0.5%	39.0	107	0.6%	75.9	1,317
Harford	208,064	157	2.1%	75.5	203	2.0%	97.6	360	2.0%	173.0	577
Howard	248,000	218	2.9%	87.9	225	2.2%	90.7	443	2.5%	178.6	559
TOTAL	2,269,171	7,391	100.0%	325.7	10,170	100.0%	448.2	17,561	100.0%	773.9	129

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012,
Reported through 12/31/2013**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Anne Arundel	1,031	602	58.4%	487	12.8%	17.9%	20.9%	48.3%
Baltimore City	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%
Baltimore	2,369	1,401	59.1%	508	13.8%	17.5%	17.5%	51.2%
Carroll	107	46	43.0%	509	13.0%	13.0%	15.2%	58.7%
Harford	360	199	55.3%	513	15.1%	14.1%	19.6%	51.3%
Howard	443	234	52.8%	570	14.5%	13.7%	16.2%	55.6%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Anne Arundel	1,031	544	52.8%	63.8%	9,380
Baltimore City	13,251	6,602	49.8%	63.6%	9,749
Baltimore	2,369	1,230	51.9%	66.2%	10,440
Carroll	107	44	41.1%	70.5%	13,004
Harford	360	176	48.9%	71.6%	6,512
Howard	443	213	48.1%	70.4%	15,410
TOTAL	17,561	8,809	50.2%	64.4%	9,763

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

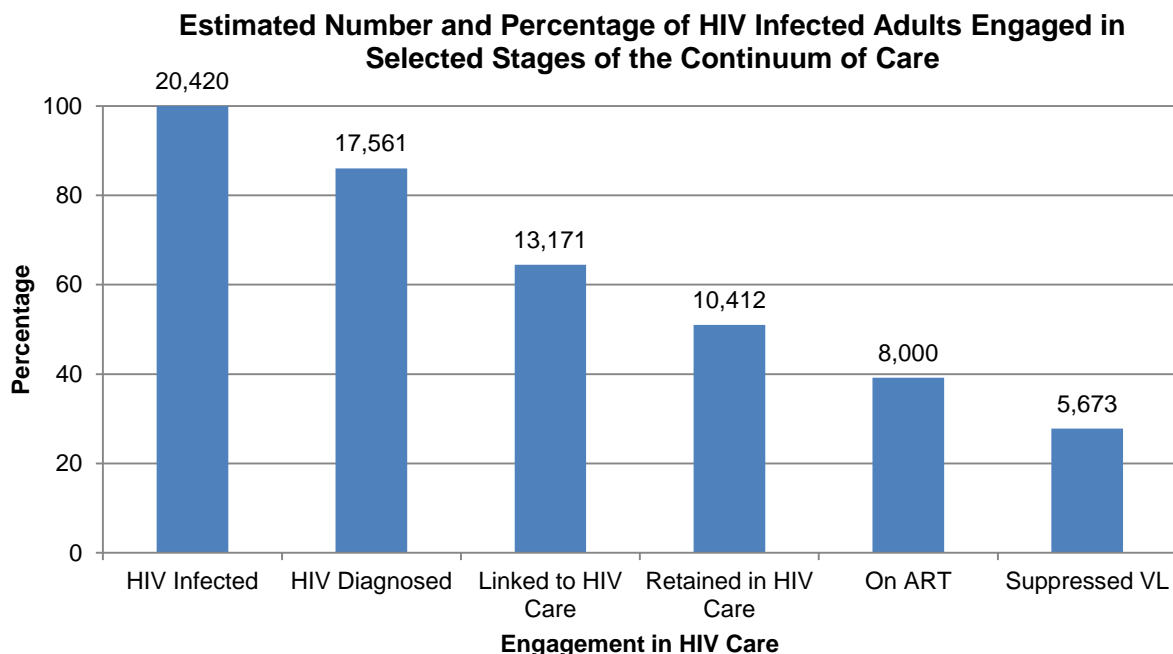
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	20,420	100.0%
HIV Diagnosed	17,561	86.0%
Linked to HIV Care	13,171	64.5%
Retained in HIV Care	10,412	51.0%
On ART	8,000	39.2%
Suppressed VL	5,673	27.8%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	166,107	2	0.3%	1.2	2	100.0%	0	0.0%	2	100.0%	1,163
5-12 (Pediatric)	269,276	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	247,191	42	5.8%	17.0	31	73.8%	9	21.4%	35	83.3%	470
20-29	386,748	226	31.3%	58.4	168	74.3%	47	20.8%	191	84.5%	413
30-39	344,565	132	18.3%	38.3	106	80.3%	34	25.8%	111	84.1%	413
40-49	384,024	160	22.2%	41.7	116	72.5%	60	37.5%	125	78.1%	272
50-59	393,174	111	15.4%	28.2	82	73.9%	46	41.4%	88	79.3%	266
60+	513,469	48	6.7%	9.3	36	75.0%	26	54.2%	38	79.2%	159
TOTAL	2,704,554	721	100.0%	26.7	541	75.0%	222	30.8%	590	81.8%	370

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	166,107	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	269,276	0	0.0%	0.0	--	0.0%
13-19	247,191	13	2.4%	5.3	4.3	61.5%
20-29	386,748	90	16.3%	23.3	2.7	44.4%
30-39	344,565	105	19.1%	30.5	4.4	36.2%
40-49	384,024	162	29.4%	42.2	5	38.3%
50-59	393,174	124	22.5%	31.5	5.1	37.1%
60+	513,469	57	10.3%	11.1	5.3	47.4%
TOTAL	2,704,554	551	100.0%	20.4	4.5	40.1%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	166,107	11	0.1%	6.6	2	0.0%	1.2	13	0.1%	7.8	12,777
5-12	269,276	40	0.5%	14.9	6	0.1%	2.2	46	0.3%	17.1	5,853
13-19	247,191	117	1.5%	47.3	64	0.6%	25.9	181	1.0%	73.2	1,365
20-29	386,748	1,163	15.4%	300.7	569	5.5%	147.1	1,732	9.7%	447.8	223
30-39	344,565	1,337	17.7%	388.0	1,233	11.9%	357.8	2,570	14.4%	745.9	134
40-49	384,024	2,109	27.9%	549.2	3,294	31.9%	857.8	5,403	30.2%	1,406.9	71
50-59	393,174	2,028	26.8%	515.8	3,727	36.1%	947.9	5,755	32.2%	1,463.7	68
60+	513,469	753	10.0%	146.6	1,440	13.9%	280.4	2,193	12.3%	427.1	234
TOTAL	2,704,554	7,558	100.0%	279.5	10,335	100.0%	382.1	17,893	100.0%	661.6	151

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	67	34	50.7%	504	8.8%	26.5%	14.7%	50.0%
20-29	1,580	978	61.9%	485	12.3%	17.6%	22.1%	48.1%
30-39	2,563	1,539	60.0%	491	16.1%	16.1%	19.0%	48.8%
40-49	5,403	3,162	58.5%	466	17.4%	17.6%	18.9%	46.0%
50-59	5,755	3,458	60.1%	491	15.3%	17.4%	18.1%	49.2%
60+	2,193	1,241	56.6%	484	12.8%	18.9%	20.1%	48.3%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	67	42	62.7%	16.7%	25,200
20-29	1,580	898	56.8%	45.2%	12,794
30-39	2,563	1,353	52.8%	59.6%	11,131
40-49	5,403	2,684	49.7%	64.6%	10,780
50-59	5,755	2,852	49.6%	69.3%	7,384
60+	2,193	980	44.7%	75.5%	3,520
TOTAL	17,561	8,809	50.2%	64.4%	9,763

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Male	1,080,949	534	74.3%	49.4	401	75.1%	166	31.1%		432	80.9%	355
Female	1,188,222	185	25.7%	15.6	138	74.6%	56	30.3%		156	84.3%	384
TOTAL	2,269,171	719	100.0%	31.7	539	75.0%	222	30.9%		588	81.8%	369

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosis	% Late Diagnosis		No. with Test	% with Test	Median Count
Hispanic	99,866	28	3.9%	28.0	21	75.0%	12	42.9%		24	85.7%	293
Non-Hispanic	2,169,305	691	96.1%	31.9	518	75.0%	210	30.4%		564	81.6%	375
American Indian/Alaska Native, only	5,718	4	0.6%	69.9	***	***	***	***		***	***	***
Asian, only	111,868	7	1.0%	6.3	7	100.0%	***	28.6%		7	100.0%	309
Black, only	638,269	549	79.5%	86.0	405	73.8%	166	30.2%		444	80.9%	378
Native Hawaiian/Other Pacific Islander, only	1,083	0	0.0%	0.0	***	***	***	***		***	***	--
White only	1,377,860	115	16.6%	8.3	88	76.5%	38	33.0%		98	85.2%	360
Multiracial/Other	34,507	16	2.3%	46.4	15	93.8%	***	***		13	81.3%	489
TOTAL	2,269,171	719	100.0%	31.7	539	75.0%	222	30.9%		588	81.8%	369

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of % Late Diagnosi s	% Late Diagnosi s		No. with Test	% with Test	Median Count
United States	1,972,609	637	88.6%	32.3	469	73.6%	193	30.3%		515	80.8%	365
Foreign-born	239,110	19	8.8%	7.9	18	94.7%	7	36.8%		17	89.5%	397
Africa	--	12	63.2%	--	11	91.7%	***	***		11	91.7%	445
Asia	--	3	15.8%	--	***	***	***	***		***	***	***
Caribbean	--	2	10.5%	--	***	***	***	***		***	***	***
Central America	--	2	10.5%	--	***	***	***	***		***	***	***
Other	--	0	0.0%	--	***	***	***	***		***	***	--
Unknown	--	63	8.8%	--	52	82.5%	22	34.9%		56	88.9%	365
TOTAL	2,211,719	719	100.0%	32.5	539	75.0%	222	30.9%		588	81.8%	369

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	1,080,949	361	66.1%	33.4	4.0	44.9%
Female	1,188,222	185	33.9%	15.6	5.3	31.9%
TOTAL	2,269,171	546	100.0%	24.1	4.4	40.5%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	99,866	17	3.1%	17.0	2.8	52.9%
Non-Hispanic	2,169,305	529	96.9%	24.4	4.5	40.1%
American Indian/Alaska Native, only	5,718	2	0.4%	35.0	***	***
Asian, only	111,868	4	0.8%	3.6	***	***
Black, only	638,269	436	82.4%	68.3	4.7	38.1%
Native Hawaiian/Other Pacific Islander, only	1,083	0	0.0%	0.0	--	0.0%
White only	1,377,860	64	12.1%	4.6	3.5	57.8%
Multiracial/Other	34,507	23	4.3%	66.7	4.7	17.4%
TOTAL	2,269,171	546	100.0%	24.1	4.4	40.5%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	1,972,609	493	90.3%	25.0	4.7	37.9%
Foreign-born	239,110	17	3.1%	7.1	2.0	64.7%
Africa	--	8	47.1%	--	1.2	62.5%
Asia	--	2	11.8%	--	***	***
Caribbean	--	1	5.9%	--	***	***
Central America	--	4	23.5%	--	***	***
Other	--	2	11.8%	--	***	***
Unknown	--	36	6.6%	--	1.8	63.9%
TOTAL	2,211,719	546	100.0%	24.7	4.4	40.5%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	1,080,949	4,711	63.7%	435.8	6,497	63.9%	601.0	11,208	63.8%	1,036.9	96
Female	1,188,222	2,680	36.3%	225.5	3,673	36.1%	309.1	6,353	36.2%	534.7	187
TOTAL	2,269,171	7,391	100.0%	325.7	10,170	100.0%	448.2	17,561	100.0%	773.9	129

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	99,866	191	2.6%	191.3	355	3.5%	355.5	546	3.1%	546.7	182
Non-Hispanic	2,169,305	7,200	97.4%	331.9	9,815	96.5%	452.4	17,015	96.9%	784.4	127
American Indian/Alaska Native, only	5,718	9	0.1%	157.4	7	0.1%	122.4	16	0.1%	279.8	357
Asian, only	111,868	37	0.5%	33.1	25	0.3%	22.3	62	0.4%	55.4	1,804
Black, only	638,269	5,733	79.6%	898.2	7,884	80.3%	1,235.2	13,617	80.0%	2,133.4	46
Native Hawaiian/Other Pacific Islander, only	1,083	3	0.0%	277.1	4	0.0%	369.4	7	0.0%	646.5	154
White only	1,377,860	1,215	16.9%	88.2	1,469	15.0%	106.6	2,684	15.8%	194.8	513
Multiracial/Other	34,507	203	2.8%	588.3	426	4.3%	1,234.5	629	3.7%	1,822.8	54
TOTAL	2,269,171	7,391	100.0%	325.7	10,170	100.0%	448.2	17,561	100.0%	773.9	129

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	1,972,609	7,035	95.2%	356.6	9,594	94.3%	486.4	16,629	94.7%	843.0	118
Foreign-born	239,110	131	1.8%	54.8	451	4.4%	188.6	582	3.3%	243.4	410
Africa	--	56	42.7%	--	255	56.5%	--	311	53.4%	--	--
Asia	--	11	8.4%	--	28	6.2%	--	39	6.7%	--	--
Caribbean	--	13	9.9%	--	41	9.1%	--	54	9.3%	--	--
Central America	--	22	16.8%	--	76	16.9%	--	98	16.8%	--	--
Other	--	29	22.1%	--	51	11.3%	--	80	13.7%	--	--
Unknown	--	225	3.0%	--	125	1.2%	--	350	2.0%	--	--
TOTAL	2,211,719	7,391	100.0%	334.2	10,170	100.0%	459.8	17,561	100.0%	794.0	125

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	11,208	6,349	56.6%	463	15.5%	18.7%	20.3%	45.5%
Female	6,353	4,063	64.0%	513	15.4%	15.7%	17.2%	51.8%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	546	318	58.2%	491	13.5%	21.4%	16.0%	49.1%
Non-Hispanic	17,015	10,094	59.3%	481	15.5%	17.4%	19.2%	47.9%
American Indian/Alaska Native, only	16	***	***	***	***	***	***	***
Asian, only	62	43	69.4%	479	7.0%	27.9%	18.6%	46.5%
Black, only	13,617	8,163	59.9%	473	15.9%	17.5%	19.6%	47.0%
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	***	***	***	***
White only	2,684	1,404	52.3%	547	11.5%	15.5%	17.5%	55.6%
Multiracial/Other	629	476	75.7%	438	21.2%	19.3%	17.4%	42.0%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	16,629	9,828	59.1%	483	15.5%	17.4%	18.9%	48.2%
Foreign-born	582	342	58.8%	454	12.6%	21.3%	21.1%	45.0%
Africa	311	197	63.3%	441	13.2%	21.8%	23.9%	41.1%
Asia	39	25	64.1%	369	12.0%	36.0%	16.0%	36.0%
Caribbean	54	31	57.4%	534	9.7%	16.1%	22.6%	51.6%
Central America	98	57	58.2%	510	12.3%	19.3%	17.5%	50.9%
Other	80	32	40.0%	534	12.5%	15.6%	12.5%	59.4%
Unknown	350	242	69.1%	451	18.6%	15.7%	21.9%	43.8%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	11,208	5,406	48.2%	66.5%	10,159
Female	6,353	3,403	53.6%	60.9%	8,939
TOTAL	17,561	8,809	50.2%	64.4%	9,763

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	546	282	51.6%	73.4%	8,157
Non-Hispanic	17,015	8,527	50.1%	64.1%	9,960
American Indian/Alaska Native, only	16	***	***	***	***
Asian, only	62	41	66.1%	65.9%	9,625
Black, only	13,617	6,864	50.4%	62.1%	9,960
Native Hawaiian/Other Pacific Islander, only	7	***	***	***	--
White only	2,684	1,210	45.1%	74.6%	9,384
Multiracial/Other	629	404	64.2%	64.9%	10,536
TOTAL	17,561	8,809	50.2%	64.4%	9,763

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	16,629	8,291	49.9%	63.9%	9,749
Foreign-born	582	306	52.6%	75.8%	14,490
Africa	311	178	57.2%	77.0%	10,000
Asia	39	19	48.7%	52.6%	6,133
Caribbean	54	28	51.9%	78.6%	121,607
Central America	98	51	52.0%	78.4%	57,920
Other	80	30	37.5%	76.7%	1,276
Unknown	350	212	60.6%	66.5%	9,032
TOTAL	17,561	8,809	50.2%	64.4%	9,763

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

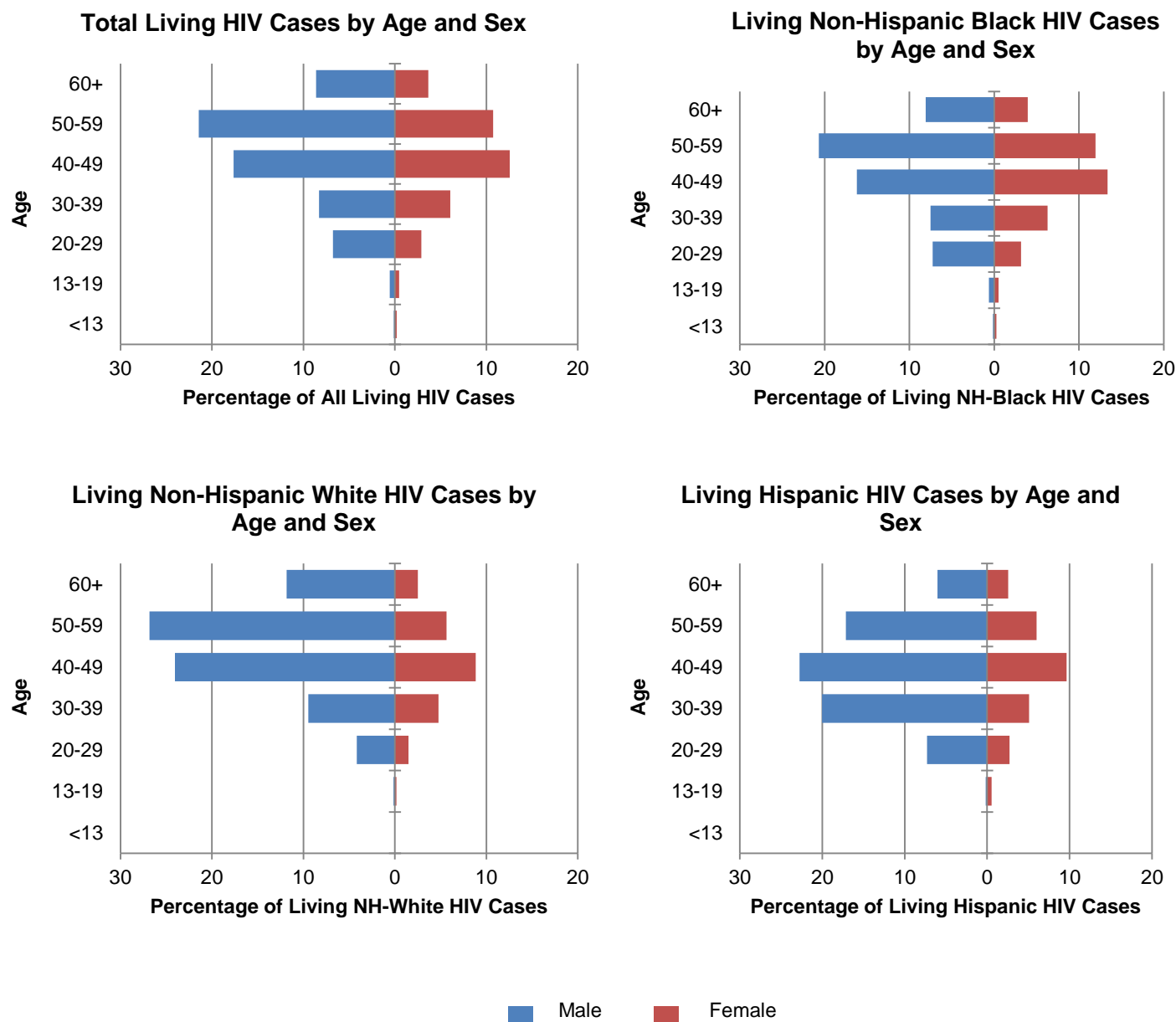
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	17,346	72,635	108,642	23,659	222,282
	Cases	0	19	2	1	22
	Rate	0.0	26.2	1.8	4.2	9.9
	Ratio (1 in X)	--	3,822	54,320	23,659	10,103
13-19	Population	7,385	40,834	67,042	10,687	125,948
	Cases	1	88	4	5	98
	Rate	13.5	215.5	6.0	46.8	77.8
	Ratio (1 in X)	7,384	464	16,760	2,137	1,285
20-29	Population	14,038	56,685	106,372	15,041	192,136
	Cases	40	1008	113	51	1,212
	Rate	284.9	1,778.2	106.2	339.1	630.8
	Ratio (1 in X)	350	56	941	294	158
30-39	Population	14,355	45,278	91,889	15,048	166,570
	Cases	110	1045	256	75	1,486
	Rate	766.3	2,308.0	278.6	498.4	892.1
	Ratio (1 in X)	130	43	358	200	112
40-49	Population	9,089	50,749	111,668	12,899	184,405
	Cases	125	2253	651	126	3,155
	Rate	1,375.3	4,439.5	583.0	976.8	1,710.9
	Ratio (1 in X)	72	22	171	102	58
50-59	Population	4,817	47,027	126,320	9,501	187,665
	Cases	94	2877	726	138	3,835
	Rate	1,951.4	6,117.8	574.7	1,452.5	2,043.5
	Ratio (1 in X)	51	16	173	68	48
60+	Population	3,419	46,771	164,499	9,536	224,225
	Cases	33	1123	320	65	1,541
	Rate	965.2	2,401.1	194.5	681.6	687.3
	Ratio (1 in X)	103	41	514	146	145
TOTAL MALES BY RACE/ ETHNICITY	Population	70,449	359,979	776,432	96,371	1,303,231
	Cases	403	8,413	2,072	461	11,349
	Rate	572.0	2,337.1	266.9	478.4	870.8
	Ratio (1 in X)	174	42	374	209	114

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	16,623	70,155	103,074	23,249	213,101
	Cases	0	35	0	2	37
	Rate	0.0	49.9	0.0	8.6	17.4
	Ratio (1 in X)	--	2,004	--	11,624	5,759
13-19	Population	6,757	40,641	63,444	10,401	121,243
	Cases	3	74	5	1	83
	Rate	44.4	182.1	7.9	9.6	68.5
	Ratio (1 in X)	2,252	549	12,688	10,400	1,460
20-29	Population	11,510	62,914	104,191	15,997	194,612
	Cases	15	440	40	25	520
	Rate	130.3	699.4	38.4	156.3	267.2
	Ratio (1 in X)	767	142	2,604	639	374
30-39	Population	11,755	55,988	92,842	17,410	177,995
	Cases	28	877	129	50	1,084
	Rate	238.2	1,566.4	138.9	287.2	609.0
	Ratio (1 in X)	419	63	719	348	164
40-49	Population	7,862	61,093	116,142	14,522	199,619
	Cases	53	1861	239	95	2,248
	Rate	674.1	3,046.2	205.8	654.2	1,126.1
	Ratio (1 in X)	148	32	485	152	88
50-59	Population	4,692	58,971	131,294	10,552	205,509
	Cases	33	1663	153	71	1,920
	Rate	703.3	2,820.0	116.5	672.9	934.3
	Ratio (1 in X)	142	35	858	148	107
60+	Population	4,187	71,317	202,157	11,583	289,244
	Cases	14	550	68	20	652
	Rate	334.4	771.2	33.6	172.7	225.4
	Ratio (1 in X)	299	129	2,972	579	443
TOTAL FEMALES BY RACE/ ETHNICITY	Population	63,386	421,079	813,144	103,714	1,401,323
	Cases	146	5,500	634	264	6,544
	Rate	230.3	1,306.2	78.0	254.5	467.0
	Ratio (1 in X)	434	76	1,282	392	214

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	482	100.0%	357	74.1%	144	29.9%	82.8%	385
Men who have Sex with Men (MSM)	281	58.3%	218	77.6%	69	24.6%	84.7%	408
Injection Drug Users (IDU)	44	9.1%	26	59.1%	20	45.5%	77.3%	157
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	151	31.3%	110	72.8%	54	35.8%	82.1%	349
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	237		182	76.8%	78	32.9%	79.7%	334
TOTAL	719		539	75.0%	222	30.9%	81.8%	369

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	388	100.0%	288	74.2%	113	29.1%	82.0%	385
Men who have Sex with Men (MSM)	281	72.4%	218	77.6%	***	27.4%	84.7%	408
Injection Drug Users (IDU)	24	6.2%	15	62.5%	50	44.7%	75.0%	119
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	78	20.1%	53	67.9%	40	39.8%	76.9%	301
Other Exposure	***	***	***	***	***	***	***	--
No Reported Exposure	146		113	77.4%	53	36.3%	78.1%	325
TOTAL	534		401	75.1%	166	31.1%	80.9%	355

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	94	100.0%	69	73.4%	31	33.0%	86.2%	380
Injection Drug Users (IDU)	20	21.3%	11	55.0%	8	40.0%	80.0%	381
Heterosexual Exposure (HET)	73	77.7%	57	78.1%	23	31.5%	87.7%	375
Other Exposure	1	1.1%	1	100.0%	0	100.0%	100.0%	380
No Reported Exposure*	91		69	75.8%	25	27.5%	82.4%	388
TOTAL	185		138	74.6%	56	30.3%	84.3%	384

* Includes 19 HIV cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	383	100.0%	5.2	35.5%
Men who have Sex with Men (MSM)	135	35.2%	3.2	50.4%
Injection Drug Users (IDU)	96	25.1%	7.5	16.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	2.9%	9.1	18.2%
Heterosexual Exposure (HET)	140	36.6%	5.1	35.7%
Other Exposures	1	0.3%	14.0	0.0%
No Reported Exposure	163		2.7	52.1%
TOTAL	546		4.4	40.5%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	256	100.0%	4.5	41.0%
Men who have Sex with Men (MSM)	135	52.7%	3.2	50.4%
Injection Drug Users (IDU)	61	23.8%	6.7	18.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	4.3%	9.1	18.2%
Heterosexual Exposure (HET)	48	18.8%	4.1	50.0%
Other Exposures	1	0.4%	14.0	0.0%
No Reported Exposure	105		2.8	54.3%
TOTAL	361		4.0	44.9%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	127	100.0%	6.5	24.4%
Injection Drug Users (IDU)	35	27.6%	9.1	14.3%
Heterosexual Exposure (HET)	92	72.4%	5.6	28.3%
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure*	58		2.5	48.3%
TOTAL	185		5.3	31.9%

* Includes 5 AIDS cases with Presumed Female Heterosexual exposure

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	5,212	100.0%	8,893	100.0%	14,105	100.0%
Men who have Sex with Men (MSM)	1,874	36.0%	2,319	26.1%	4,193	29.7%
Injection Drug Users (IDU)	1,497	28.7%	3,353	37.7%	4,850	34.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	153	2.9%	379	4.3%	532	3.8%
Heterosexual Exposure (HET)	1,671	32.1%	2,799	31.5%	4,470	31.7%
Other Exposures	17	0.3%	43	0.5%	60	0.4%
No Reported Exposure	2,179		1,277		3,456	
TOTAL	7,391		10,170		17,561	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,453	100.0%	5,731	100.0%	9,184	100.0%
Men who have Sex with Men (MSM)	1,874	54.3%	2,319	40.5%	4,193	45.7%
Injection Drug Users (IDU)	886	25.7%	2,039	35.6%	2,925	31.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	153	4.4%	379	6.6%	532	5.8%
Heterosexual Exposure (HET)	530	15.3%	969	16.9%	1,499	16.3%
Other Exposures	10	0.3%	25	0.4%	35	0.4%
No Reported Exposure	1,258		766		2,024	
TOTAL	4,711		6,497		11,208	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,759	100.0%	3,162	100.0%	4,921	100.0%
Injection Drug Users (IDU)	611	34.7%	1,314	41.6%	1,925	39.1%
Heterosexual Exposure (HET)	1,141	64.9%	1,830	57.9%	2,971	60.4%
Other Exposures	7	0.4%	18	0.6%	25	0.5%
No Reported Exposure*	921		511		1,432	
TOTAL	2,680		3,673		6,353	

* Includes 81 HIV cases without AIDS and 40 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	422	100.0%	10,877	100.0%	2,204	100.0%
Men who have Sex with Men (MSM)	165	39.1%	2,608	24.0%	1,224	55.5%
Injection Drug Users (IDU)	76	18.0%	4,094	37.6%	486	22.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	4.0%	412	3.8%	78	3.5%
Heterosexual Exposure (HET)	162	38.4%	3,729	34.3%	394	17.9%
Other Exposures	2	0.5%	34	0.3%	22	1.0%
No Reported Exposure	124		2,740		480	
TOTAL	546		13,617		2,684	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	318	100.0%	6,773	100.0%	1,709	100.0%
Men who have Sex with Men (MSM)	165	51.9%	2,608	38.5%	1,224	71.6%
Injection Drug Users (IDU)	55	17.3%	2,528	37.3%	244	14.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	5.3%	412	6.1%	78	4.6%
Heterosexual Exposure (HET)	80	25.2%	1,208	17.8%	147	8.6%
Other Exposures	1	0.3%	17	0.3%	16	0.9%
No Reported Exposure	85		1,517		350	
TOTAL	403		8,290		2,059	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	104	100.0%	4,104	100.0%	495	100.0%
Injection Drug Users (IDU)	21	20.2%	1,566	38.2%	242	48.9%
Heterosexual Exposure (HET)	82	78.8%	2,521	61.4%	247	49.9%
Other Exposures	1	1.0%	17	0.4%	6	1.2%
No Reported Exposure*	39		1,223		130	
TOTAL	143		5,327		625	

* Includes 4 Hispanic cases, 107 non-Hispanic black cases, and 8 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	14,105	8,663	61.4%	482	15.4%	17.4%	19.1%	48.1%
Men who have Sex with Men (MSM)	4,193	2,453	58.5%	522	10.1%	16.4%	20.0%	53.5%
Injection Drug Users (IDU)	4,850	2,983	61.5%	426	19.0%	20.9%	18.8%	41.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	532	322	60.5%	426	20.5%	16.8%	22.0%	40.7%
Heterosexual Exposure (HET)	4,470	2,869	64.2%	510	15.3%	14.7%	18.5%	51.5%
Other Exposures	60	36	60.0%	336	33.3%	19.4%	11.1%	36.1%
No Reported Exposure*	3,456	1,749	50.6%	472	16.0%	18.0%	18.8%	47.2%
TOTAL	17,561	10,412	59.3%	482	15.5%	17.5%	19.1%	48.0%

* Includes 121 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	14,105	7,239	51.3%	64.8%	10,000
Men who have Sex with Men (MSM)	4,193	2,121	50.6%	68.4%	10,540
Injection Drug Users (IDU)	4,850	2,412	49.7%	60.6%	11,606
Men who have Sex with Men and Inject Drugs (MSM/IDU)	532	258	48.5%	62.0%	16,810
Heterosexual Exposure (HET)	4,470	2,415	54.0%	66.4%	8,505
Other Exposures	60	33	55.0%	51.5%	29,527
No Reported Exposure*	3,456	1,570	45.4%	62.3%	7,705
TOTAL	17,561	8,809	50.2%	64.4%	9,763

* Includes 121 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

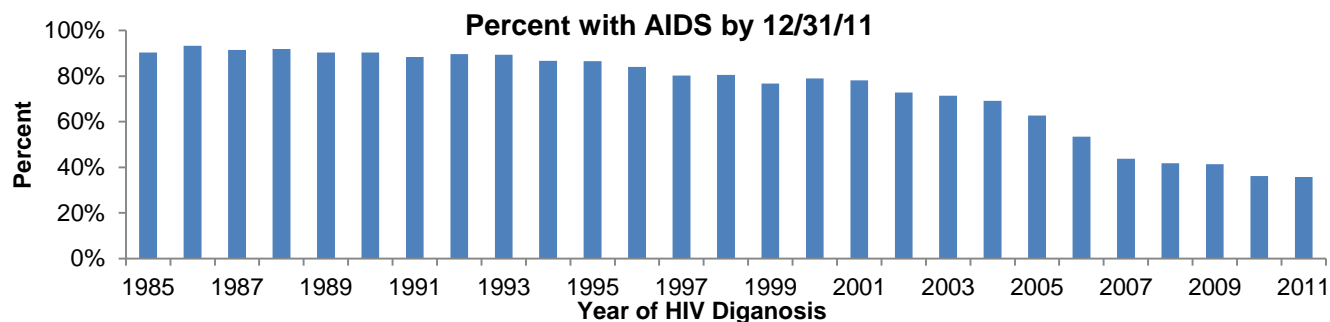
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013

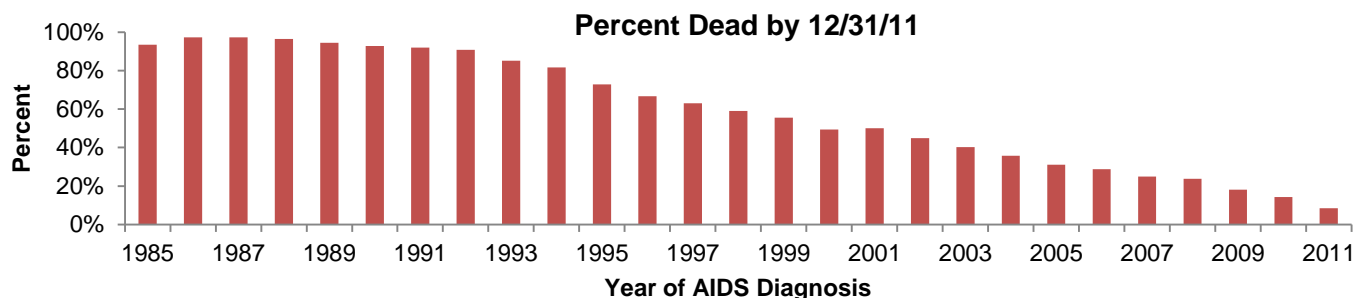
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	219	211	96.3%	6.9	34.2%	34.2%	37.9%	68.0%
1985	432	390	90.3%	6.5	26.2%	27.3%	34.7%	74.5%
1986	579	540	93.3%	5.6	33.9%	34.5%	46.1%	79.3%
1987	756	692	91.5%	4.6	33.2%	36.5%	54.2%	82.4%
1988	1,123	1,031	91.8%	3.9	37.9%	41.8%	63.6%	85.4%
1989	1,436	1,296	90.3%	3.7	37.7%	43.2%	66.9%	82.7%
1990	1,495	1,350	90.3%	3.0	43.9%	50.8%	73.1%	85.0%
1991	1,708	1,510	88.4%	2.7	45.9%	55.4%	72.9%	82.7%
1992	1,664	1,491	89.6%	2.5	50.7%	58.9%	75.5%	84.3%
1993	1,530	1,367	89.3%	2.2	54.1%	62.0%	76.4%	85.1%
1994	1,387	1,201	86.6%	2.3	53.0%	60.8%	73.3%	81.5%
1995	1,354	1,171	86.5%	2.2	56.8%	62.2%	72.2%	82.1%
1996	1,267	1,064	84.0%	1.9	59.1%	63.9%	71.4%	80.0%
1997	1,286	1,031	80.2%	2.0	55.3%	60.0%	68.4%	76.1%
1998	1,274	1,026	80.5%	2.1	55.2%	58.8%	67.3%	75.6%
1999	1,171	898	76.7%	1.6	55.8%	59.8%	67.8%	74.6%
2000	1,098	867	79.0%	1.6	56.3%	60.6%	69.9%	77.0%
2001	1,195	933	78.1%	1.3	59.1%	62.9%	71.3%	76.6%
2002	1,429	1,041	72.8%	1.5	54.0%	57.3%	64.0%	71.5%
2003	1,226	875	71.4%	1.2	54.5%	57.9%	63.8%	70.9%
2004	1,238	856	69.1%	1.2	52.7%	56.5%	62.9%	69.1%
2005	1,288	808	62.7%	1.2	46.7%	49.5%	56.8%	62.7%
2006	1,337	714	53.4%	1.2	39.3%	41.5%	49.6%	53.4%
2007	1,266	555	43.8%	1.4	28.9%	31.8%	40.4%	43.8%
2008	1,193	499	41.8%	1.2	28.2%	32.1%	40.5%	41.8%
2009	974	402	41.3%	1.0	28.7%	32.5%	41.3%	41.3%
2010	973	352	36.2%	0.6	28.2%	31.8%	36.2%	36.2%
2011	726	260	35.8%	0.4	31.0%	35.5%	35.8%	35.8%
TOTAL	32,624	24,431	74.9%	2.3	46.2%	50.9%	62.2%	71.3%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013

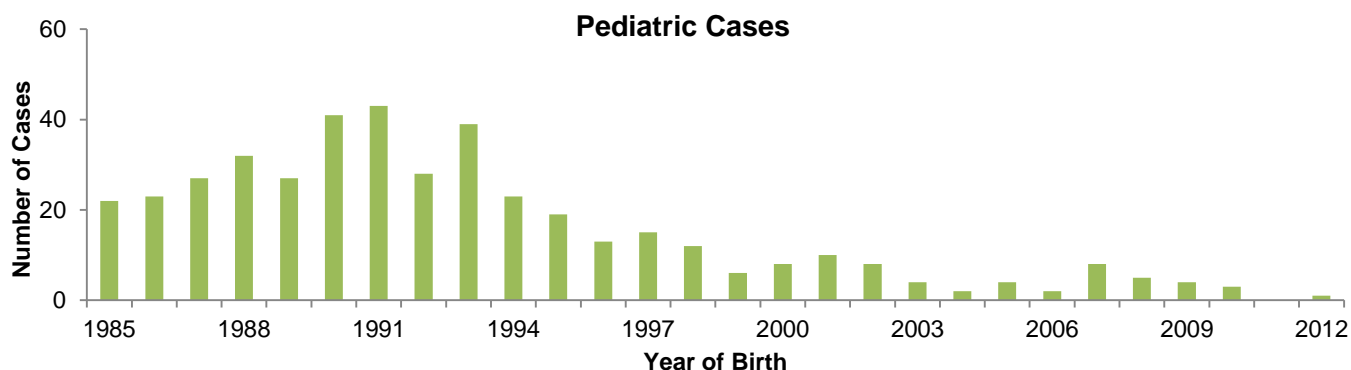


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	75	71	94.7%	2.5	52.0%	32.0%	16.0%	13.3%
1985	107	100	93.5%	1.7	43.9%	24.3%	11.2%	9.3%
1986	179	174	97.2%	2.6	54.2%	36.3%	16.2%	9.5%
1987	263	256	97.3%	2.1	61.2%	33.1%	11.4%	5.7%
1988	428	413	96.5%	2.1	58.6%	37.9%	12.9%	5.8%
1989	550	519	94.4%	2.3	62.0%	40.7%	16.7%	8.9%
1990	760	705	92.8%	2.9	66.2%	47.9%	22.4%	13.6%
1991	947	871	92.0%	2.7	69.2%	48.5%	19.2%	13.1%
1992	1,326	1,203	90.7%	2.9	72.0%	51.0%	22.4%	16.1%
1993	1,629	1,387	85.1%	3.4	78.1%	56.3%	33.5%	22.2%
1994	1,533	1,251	81.6%	3.7	77.6%	59.5%	40.3%	26.0%
1995	1,495	1,089	72.8%	4.2	78.7%	66.9%	50.4%	37.0%
1996	1,416	944	66.7%	4.7	82.8%	76.0%	59.3%	43.4%
1997	1,240	781	63.0%	4.8	85.2%	77.7%	62.3%	46.6%
1998	1,128	666	59.0%	4.5	87.0%	80.3%	64.6%	47.8%
1999	1,096	609	55.6%	4.4	87.6%	81.1%	65.2%	50.2%
2000	970	479	49.4%	3.8	86.1%	80.6%	66.1%	54.0%
2001	1,100	550	50.0%	3.4	86.0%	77.8%	63.8%	52.2%
2002	1,060	476	44.9%	3.7	87.6%	82.2%	70.1%	56.9%
2003	969	390	40.2%	2.9	84.6%	79.4%	69.2%	60.0%
2004	977	350	35.8%	2.7	87.4%	82.9%	72.4%	64.2%
2005	916	285	31.1%	2.5	88.6%	84.0%	74.5%	68.9%
2006	781	224	28.7%	2.0	88.3%	83.6%	74.1%	71.3%
2007	638	159	24.9%	2.0	89.3%	85.7%	77.1%	75.1%
2008	603	143	23.7%	1.5	88.9%	84.6%	76.5%	76.3%
2009	564	102	18.1%	1.3	90.4%	87.1%	81.9%	81.9%
2010	629	90	14.3%	0.9	90.6%	87.6%	85.7%	85.7%
2011	513	43	8.4%	0.6	94.0%	92.4%	91.6%	91.6%
TOTAL	23,892	14,330	60.0%	3.4	81.3%	70.5%	54.4%	44.7%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	28	4	1	0	
1985	22	8	5	1	12
1986	23	8	6	4	16
1987	27	16	10	5	26
1988	32	23	14	4	48
1989	27	28	19	5	71
1990	41	39	18	5	105
1991	43	36	26	9	131
1992	28	44	28	9	165
1993	39	45	25	12	200
1994	23	29	21	12	217
1995	19	20	14	12	229
1996	13	21	11	14	240
1997	15	11	7	6	246
1998	12	16	8	3	260
1999	6	15	8	4	269
2000	8	9	2	0	279
2001	10	9	9	3	282
2002	8	7	6	3	287
2003	4	2	1	2	287
2004	2	5	2	3	288
2005	4	1	2	0	289
2006	2	5	3	2	293
2007	8	35	6	5	322
2008	5	8	6	4	327
2009	4	6	3	1	332
2010	3	2	8	4	328
2011	0	3	6	2	330
2012	1	2	4	1	332
TOTAL	457	457	279	135	

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Anne Arundel	0	0.0%	19	5.7%
Baltimore City	2	100.0%	238	71.7%
Baltimore	0	0.0%	52	15.7%
Carroll	0	0.0%	4	1.2%
Harford	0	0.0%	12	3.6%
Howard	0	0.0%	7	2.1%
Total	2	100.0%	332	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	141	42.5%
Female	2	100.0%	191	57.5%
TOTAL	2	100.0%	332	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	3	0.9%
Non-Hispanic	2	100.0%	329	99.1%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	1	0.3%
Black, only	2	100.0%	296	90.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	22	6.7%
Multiracial/Other	0	0.0%	10	3.0%
TOTAL	2	100.0%	332	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2012.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year